

ABSTRACT OF THE DISCLOSURE

Described are methods of detecting G-protein coupled receptor (GPCR) activity *in vivo* and *in vitro*; methods of assaying GPCR activity; and methods of screening for GPCR ligands, G protein-coupled receptor kinase (GRK) activity, and compounds that interact with components of the GPCR regulatory process. Constructs useful in such methods are described.